Appendix 13.7 Measured Noise Levels outside the Stadium – Solo 4

Table A13. 1: Measured Noise Levels – Solo 4

ID	File	Position	Position Description	Start	End	Duration (mm:ss)	$L_{Aeq,T}$	L_{Amin}	L_{Amax}	$L_{A90,T}$	$L_{A10,T}$	L_{AFmax}	Notes
1	Solo 4 121108 (CW)002.CMG	R8	Corner of Vicarage Road & Park Lane	19:33:11	19:38:11	05:00	63.2	57.6	75.7	59.2	64.4	78.9	Supporters making their way to the stadium, distance generator noise, distant Crowd noise/ shouting, occasional local traffic.
				19:38:11	19:43:11	05:00	63.9	58.9	70.3	60.7	66.5	75.4	
2	Solo 4 121108 (CW)003.CMG	R12	In the mouth of Lancaster Close (5m from Park Lane)	19:45:52	19:50:52	05:00	72.3	64.3	85.3	66.9	74.9	92.4	Noise (shouting etc.) from Away supporters queuing, other supporters streaming passed, shouting from upper level of stadium, horses hooves.
				19:50:52	19:55:52	05:00	69.0	59.5	81.2	62.6	72.3	84.2	
3	Solo 4 121108 (CW)004.CMG	R13	Paxton Hall, Paxton Road	20:05:12	20:10:12	05:00	67.9	64.2	77.1	65.0	69.8	80.6	10m from burger van with generator noise audible.
4	Solo 4 121108 (CW)005.CMG	R17	Along Worcester Avenue/Paxton Lane, adjacent to the north-east corner of the stadium	20:20:06	20:25:06	05:00	61.8	56.5	74.8	57.0	65.0	76.4	Genny noise from Police horse box vehicles, ventilation noise from the stadium, Crowd noise from the upper level of the north stand. Two (home) goals, with cheering, banging of seats (?), PA etc.
				20:25:06	20:30:06	05:00	63.0	57.3	74.9	57.8	65.3	76.2	
5	Solo 4 121108 (CW)006.CMG	R18	Worcester Ave in centre of road opposite north end of East Stand	20:40:08	20:45:08	05:00	68.0	57.2	73.0	59.1	71.2	74.7	PA noise during half-time interviews (very clear),
				20:45:08	20:47:08	02:00	62.9	60.3	66.5	61.1	64.1	69.5	crowd noise. 20:43:24 Police van passed.
6	Solo 4 121108 (CW)007.CMG	R11	In front of 30 Park Lane	20:53:37	20:58:37	05:00	70.0	56.0	84.5	61.0	72.4	85.4	Crowd noise (cheering, chanting, clapping, singing) - from Away fans at the beginning, then Home fans after a goal.
7	Solo 4 121108 (CW)008.CMG	R9	Along Bromley Road, outside No.28	20:59:55	21:01:55	02:00	59.6	49.4	66.6	50.9	63.5	68.9	Singing and clapping from Home fans - clear, but not as loud as along Park Lane.
8	Solo 4 121108 (CW)009.CMG	R10	On the corner of Bromley Road and its spur road	21:02:54	21:03:24	00:30	60.3	55.2	67.4	55.3	64.1	68.7	Aborted
9	Solo 4 121108 (CW)010.CMG	R10	On the corner of Bromley Road and its spur road	21:03:43	21:06:03	02:20	58.4	47.5	65.8	49.1	62.5	70.0	Singing, shouting etc. still clearly audible. Some local vehicle movements. 21:05:40 loud cheering.
10	Solo 4 121108 (CW)011.CMG	R19	In front of 41 Worcester Avenue below long-term location P4	21:07:38	21:12:38	05:00	86.0	57.1	110.5	60.6	72.8	113.4	Genny noise from Police horse box vehicles, Crowd and PA noise audible, including chanting, "Come on you Spurs." Police horses and riders gearing up.
11	Solo 4 121108 (CW)012.CMG	R20	In front of 5 Worcester Avenue	21:16:17	21:21:17	05:00	55.9	52.2	62.5	52.9	58.0	63.8	Crowd noise still audible, road traffic on Northumberland Park, 3No. cars on Worcester Avenue, including parking noise.
12	Solo 4 121108 (CW)013.CMG	R21	Within service yard of Stadium Business Park East (behind dwellings in Worcester Avenue and Northumberland Park)	21:22:38	21:27:38	05:00	54.1	43.9	68.4	45.7	56.1	70.9	Crowd noise clearly audible - chanting "Que sera, sera…", PA not intelligible, aircraft overhead, road traffic on Northumberland Park.
13	Solo 4 121108 (CW)014.CMG			21:28:57	21:33:57	05:00	48.9	42.9	57.4	44.9	51.6	58.4	
14	Solo 4 121108 (CW)015.CMG	R16	North side of Paxton Road, opposite north stand and in front of car park	21:38:50	21:43:50	05:00	68.8	59.7	82.0	61.8	71.6	88.5	Supporters streaming past, making their way out of the area, Crowd noise from within the stadium, including banging of seat (?) etc. 21:49 helicopter overhead.
				21:43:50	21:48:50	05:00	71.7	62.7	88.7	65.9	72.5	92.6	
15	Solo 4 121108 (CW)016.CMG			21:51:21	21:56:21	05:00	72.0	60.5	92.4	62.4	70.9	95.7	Supporters streaming past, making their way out of the area, Crowd noise from within the stadium, including banging of seat (?) etc. 21:49 helicopter overhead.
				21:56:21	22:01:21	05:00	63.7	56.5	76.4	57.4	66.1	80.2	
16	Solo 4 121108 (CW)017.CMG			22:01:36	22:06:36	05:00	63.1	56.6	75.0	57.8	65.8	80.6	Only a few supporters passing/ loitering now, cars starting to leave car park, camera equipment arriving back at vans/ lorries.
				22:06:36	22:11:36	05:00	63.5	57.5	76.9	58.6	65.6	80.4	
17	Solo 4 121108 (CW)018.CMG	R8	Corner of Vicarage Road & Park Lane	22:30:20	22:35:20	05:00	59.8	53.6	68.4	54.8	62.1	73.0	A few local car movements (in and out of Vicarage Road/ Paxton Road), genny noise from inside stadium via open side door.
				22:35:20	22:40:20	05:00	63.0	53.1	72.6	56.5	66.6	78.0	
18	Solo 4 121108 (CW)019.CMG	R12	In the mouth of Lancaster Close (5m from Park Lane)	22:42:13	22:47:13	05:00	64.6	49.0	77.6	51.0	68.5	79.1	A handful of cars and people passing along Park Lane.
				22:47:13	22:52:13	05:00	65.7	48.4	80.9	51.0	69.5	86.5	
19	Solo 4 121108 (CW)020.CMG	R15	North side of Paxton Road, opposite mid point of the north stand	22:59:41	23:01:11	01:30	72.1	69.8	79.2	69.9	73.3	83.3	Measurement of plant noise from one of the louvres in the side of the north stand. Crowd control fencing being moved (dragged) in the background.
20	Solo 4 121108 (CW)021.CMG	R8	Corner of Vicarage Road & Park Lane	23:09:20	23:14:20	05:00	55.5	49.9	68.3	50.9	57.9	70.0	Fan noise from eastern side of stadium, voices from nearest burger van(s) (packing up) - NB burger vans being run on mains from local shop - some local car movements, pitch lights being manoeuvred back into the stadium (by golf buggy).
				23:14:20	23:19:20	05:00	53.4	48.5	62.7	49.8	55.5	71.2	
21	Solo 4 121108 (CW)022.CMG	R21	Within service yard of Stadium Business Park East (behind dwellings in Worcester Avenue and Northumberland Park	23:25:21	23:30:21	05:00	57.6	40.2	70.4	41.8	58.7	70.9	Road traffic on Northumberland Park, helicopter overhead.
				23:30:21	23:35:21	05:00	47.9	40.7	60.4	41.8	51.1	63.9	
22	Solo 4 121108 (CW)023.CMG			23:35:36	23:40:36	05:00	47.5	39.9	59.3	41.2	51.4	62.7	Road traffic on Northumberland Park.
				23:40:36	23:45:36	05:00	48.4	40.1	60.2	41.1	52.9	64.7	